

Adding Mixed Numbers

P 4-5

Find each sum. Simplify your answer.

1. $5 + 3\frac{1}{6} =$ _____

2. $4\frac{4}{5} + 8\frac{1}{10} =$ _____

3. $1\frac{5}{8} + \frac{15}{16} =$ _____

4. $6\frac{2}{3} + \frac{5}{4} =$ _____

5. $2\frac{7}{8} + 4 =$ _____

6. $7\frac{6}{10} + 1\frac{9}{20} =$ _____

7. $\frac{7}{8} + 3\frac{3}{5} + 2 =$ _____

8. $9 + 3\frac{2}{3} + \frac{5}{6} =$ _____

9. **Number Sense** Give an example of two mixed numbers whose sum is a whole number.

10. An ostrich egg is $6\frac{4}{5}$ in. long. A California condor's egg is $4\frac{3}{10}$ in. long, and an albatross egg is $5\frac{7}{10}$ in. long. If the three eggs are placed end to end, what is the total length in inches?

11. Shanda can travel 10 mi on her electric scooter before she has to recharge the batteries. If it is $4\frac{5}{8}$ mi to the library and $5\frac{2}{5}$ mi to her friend's house, can she make both trips before she needs to recharge the batteries?

Test Prep

12. Which is the fractional portion of the solution to $5\frac{3}{8} + 2\frac{3}{12}$?

A. $\frac{6}{12}$

B. $\frac{15}{24}$

C. $\frac{6}{8}$

D. $\frac{15}{8}$

13. **Writing in Math** Explain the steps to adding mixed numbers. What must you do first?
